

CASE STUDY

ICHTHYS VENTURER FPSO ROV UWILD

✉ info@vertechgroup.com.au

🌐 www.vertech.com.au



VERTECH

INTRODUCTION

Geo Oceans was engaged to carry out an in-water survey aboard the client's Ichthys Venturer FPSO. The survey was conducted to meet the requirements set by an independent verification body for Classification. Delivered over multiple phases and aligned with the client's project schedule, the work was completed efficiently with minimal disruption to the FPSO's ongoing operations.

PROCESS

Geo Oceans strategically deployed experienced, multi-skilled personnel across several campaigns, ensuring the work was precisely timed around live operations. A strong emphasis was placed on redundancy throughout the project, and operations were carefully scheduled to align with favourable tidal conditions for safety and accuracy.

In addition to the core scope, Geo Oceans addressed emerging requirements, including debris removal and Non-Destructive Testing (NDT) on key components. The deployment of the Remotely Operated Vehicle (ROV) in confined and sensitive areas required rigorous planning, robust risk assessments, and strict hazard control measures to safeguard personnel, equipment, and the FPSO itself.

OUTCOME

The collaboration between Geo Oceans and the client delivered efficient and compliant outcomes, meeting DNV Classification standards. A notable result was the significant cost savings achieved by avoiding the need for commercial divers or large work-class ROVs. The challenging nature of the project also spurred innovation within Geo Oceans, leading to the development of advanced tooling and enhancing their capabilities for future ROV operations on similar assets.

